

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Qiang Luo  
 Docket: 50019.0272US01/P05791  
 Title: Low Dark Current CMOS Image Sensor Pixel Having a Photodiode Isolated From Field Oxide

**CERTIFICATE UNDER 37 CFR 1.10**

'Express Mail' mailing label number: EV 397432441US  
 Date of Deposit: February 25, 2004  
 I hereby certify that this paper or fee is being deposited with the United States Postal Service 'Express Mail Post Office To Addressee' service under 37 CFR 1.10 and is addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

By: Tricia L. Alley  
 Name: Tricia L. Alley

Mail Stop PATENT APPLICATION  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing Certificate under 37 CFR 1.10.
- ☒ Utility Patent Application: Spec. 10 pgs. including 18 claims; Abstract 1 pgs.  
 The fee has been calculated as shown below in the 'Claims as Filed' table.
- ☒ 5 sheets of formal drawings
- ☒ Nonpublication Request under 37 CFR 1.213(a)
- ☒ A signed Combined Declaration and Power of Attorney
- ☒ Assignment of the invention to National Semiconductor Corporation, Recordation Form Cover Sheet
- ☒ Credit Card Payment form for \$770.00 to cover the Filing Fee
- ☒ Credit Card Payment form for \$40.00 to cover the Assignment Recording Fee.
- ☒ Application Data Sheet, 4 pages.
- ☒ Return postcard

**CLAIMS AS FILED**

Number of Claims Filed		In Excess of:		Number Extra		Rate		Fee
<b>Basic Filing Fee</b>								\$770.00
<b>Total Claims</b>								
18	-	20	=	0	x	18.00	=	\$0.00
<b>Independent Claims</b>								
3	-	3	=	0	x	86.00	=	\$0.00
<b>MULTIPLE DEPENDENT CLAIM FEE</b>								\$0.00
<b>TOTAL FILING FEE</b>								\$770.00

Please charge any additional fees or credit overpayment to Deposit Account No. 13-2725. A duplicate of this sheet is enclosed.

**MERCHANT & GOULD P.C.**  
 P.O. Box 2903, Minneapolis, MN 55402-0903  
 (612) 332-5300

By: Mark R. Hennings  
 Name: Mark R. Hennings  
 Reg. No.: 48,982  
 Initials: MRH

**23552**

PATENT TRADEMARK OFFICE

S/N Not Yet Assigned

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Qiang Luo	Examiner:	Not Yet Assigned
Serial No.:	Not Yet Assigned	Group Art Unit:	Not Yet Assigned
Filed:	Concurrently Herewith	Docket:	50019.0272US01
Title:	Low Dark Current CMOS Image Sensor Pixel Having A Photodiode Isolated From Field Oxide		

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By:

  
Tricia L. Alley

NONPUBLICATION REQUEST UNDER 37 C.F.R. §1.213(a)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

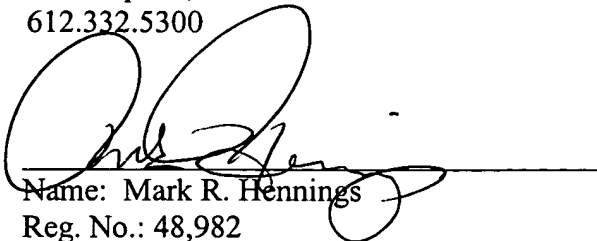
Dear Sir:

The patent application identified above is not to be published under 35 U.S.C 122(b).

The undersigned hereby certifies that the invention disclosed in the patent application identified above has not been and will not be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Respectfully submitted,

MERCHANT & GOULD P.C.  
P.O. Box 2903  
Minneapolis, MN 55402-0903  
612.332.5300

  
Name: Mark R. Hennings  
Reg. No.: 48,982

Date: February 25, 2004

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PATENT TRADEMARK OFFICE